



TROPICAL CYCLONE BULLETIN NO. 12
Tropical Storm NENENG (NESAT)

Issued at 2:00 AM, 16 October 2022
 Valid for broadcast until the next bulletin at 5:00 AM today

TROPICAL STORM “NENENG” FURTHER INTENSIFIES AND IS ABOUT TO PASS VERY CLOSE OR OVER THE BABUYAN ISLANDS

Location of Center (1:00 AM)	
The center of Tropical Storm “NENENG” was estimated based on all available data including those from Aparri Doppler Weather Radar over the coastal waters of Calayan, Cagayan (19.2°N, 122.3°E)	
Intensity	
Maximum sustained winds of 85 km/h near the center, gustiness of up to 105 km/h , and central pressure of 990 hPa	
Present Movement	
West northwestward at 15 km/h	
Extent of Tropical Cyclone Winds	Strong to gale-force winds extend outwards up to 550 km from the center

TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 11:00 AM 16 October 2022	19.5	120.5	105 km West Northwest of Calayan, Cagayan	100	STS	WNW 20
24-Hour Forecast 11:00 PM 16 October 2022	19.7	118.6	305 km West Northwest of Calayan, Cagayan (Outside the PAR)	110	STS	W 15
36-Hour Forecast 11:00 AM 17 October 2022	19.6	116.9	480 km West of Calayan, Cagayan (Outside the PAR)	120	TY	W 15
48-Hour Forecast 11:00 PM 17 October 2022	19.2	115.7	605 km West of Calayan, Cagayan (Outside the PAR)	130	TY	WSW 10
60-Hour Forecast 11:00 AM 18 October 2022	18.4	114.5	640 km West of Laoag City, Ilocos Norte (Outside the PAR)	140	TY	SW 15
72-Hour Forecast 11:00 PM 18 October 2022	17.6	113.3	760 km West of Sinait, Ilocos Sur (Outside the PAR)	140	TY	SW 15
96-Hour Forecast 11:00 PM 19 October 2022	17.0	110.5	1,055 km West of Northern Luzon (Outside the PAR)	120	TY	WSW 15

Prepared by: RPG

Checked by: JEMB



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
2 Wind threat: Gale-force winds	Batanes, Cagayan including Babuyan Islands, Apayao, the northern portion of Abra (Tineg, Lacub, Lagayan), and Ilocos Norte	-	-
	Warning lead time: 24 hours Potential impacts of winds: Minor to moderate threat to life and property		
1 Wind threat: Strong winds	The northern and central portions of Isabela (Santa Maria, San Pablo, Maconacon, Divilacan, Palanan, Ilagan City, Tumauini, Cabagan, Santo Tomas, Quezon, Delfin Albano, Mallig, Quirino, Gamu, Roxas, San Mariano, Benito Soliven, Naguilian, Burgos, Reina Mercedes, San Manuel, Aurora, Luna, Cabatuan, San Mateo, Dinapigue, City of Cauayan), Kalinga, the rest of Abra, Mountain Province, the northern portion of Ifugao (Aguinaldo, Alfonso Lista, Mayoyao, Hungduan, Banaue), and the northern and central portions of Ilocos Sur (Sinait, Cabugao, San Juan, Magsingal, Santo Domingo, San Ildefonso, San Vicente, Santa Catalina, Bantay, City of Vigan, Santa, Caoayan, Narvacan, Nagbukel, Santa Maria, San Esteban, Santiago, Burgos, Banayoyo, Lidlidda, San Emilio, Quirino, Gregorio del Pilar, Galimuyod, City of Candon, Santa Lucia, Salcedo, Cervantes, Suyo, Sigay, Santa Cruz)	-	-
	Warning lead time: 36 hours Potential impacts of winds: Minimal to minor threat to life and property		



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- *Until this morning:* Heavy to intense with at times torrential rains are likely over Batanes, Cagayan including Babuyan Islands, Apayao, and Ilocos Norte. Moderate to heavy with at times intense rains are likely over Abra, Kalinga, Mt. Province, and the northern portions of Isabela and Ilocos Sur. Light to moderate with at times heavy rains are possible over the rest of Cordillera Administrative Region, Isabela, and Ilocos Sur.
- *The rest of today:* Moderate to heavy with at times intense rains likely over Ilocos Norte, Abra, and the northern portion of Ilocos Sur. Light to moderate with at times heavy rains over Batanes, Babuyan Islands, Apayao, Kalinga, Mountain Province, and the rest of Ilocos Sur.
- Under these conditions, **scattered flooding and rain-induced landslides are possible**, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities with significant antecedent rainfall.
- The trough of NENENG and the convergence of its circulation with the southwesterly winds induced by the tropical storm may also bring occasional rains over the western portions of Visayas and MIMAROPA and the northern and western portions of Mindanao. A Weather Advisory may be issued should the potential for flooding rains further increase.

Severe Winds

- There is a high likelihood of hoisting **Wind Signal No. 3 (for storm-force winds)** over Babuyan Islands in the next bulletin.
- During the passage of NENENG, winds may reach **gale-force in strength** within any of the areas where Wind Signal No. 2 is hoisted. **Strong winds (strong breeze to near gale strength)** will be experienced within any of the areas where Wind Signal No. 1 is currently in effect.
- The induced southwesterly winds may bring occasional gusts reaching strong breeze to near gale strength over most of Southern Luzon and Visayas and the eastern portions of Central Luzon, especially in coastal and mountainous/upland localities of these areas.

HAZARDS AFFECTING COASTAL WATERS

- Under the influence of the surge of northeasterly surface wind flow, a **marine gale warning** remains in effect over the seaboard of Northern Luzon. For more information, refer to Gale Warning #13 issued at 5:00 PM yesterday.
- The aforementioned surge and the approaching tropical cyclone may also bring **moderate to rough seas** (2.0 to 3.5 m) over the eastern and western seaboard of Central Luzon and the eastern seaboard of Southern Luzon. These conditions may be risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK


- On the forecast track, Tropical Storm NENENG will continue moving westward or west northwestward over the Luzon Strait through tomorrow morning and may pass very close or make landfall in the vicinity of Babuyan Islands within 6 hours. The storm is forecast to exit the Philippine Area of Responsibility (PAR) tonight or tomorrow early morning, when it is expected to begin turning generally west southwestward or southwestward over the West Philippine Sea.
- NENENG may reach severe tropical storm (STS) category within 6 hours while passing near or over the Babuyan Islands. Further intensification into a typhoon is likely by tomorrow as it moves over the northern portion of the West Philippine Sea.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 AM today.

DOST-PAGASA

Prepared by:  **RPG**

Checked by:  **JEMB**